A 8760-2

POTASH & PHOSPHATE INSTITUTE
REPORT SUMMARY
(Short Tons $K_2O$)

PR 979
October 18, 1979

SEPTEMBER

| | CANADIAN PRODUCERS | | | UNITED STATES PRODUCERS | | | TOTAL CANADIAN & U.S. PRODUCERS | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1979 | 1978 | Change % | 1979 | 1978 | Change % | 1979 | 1978 | Change % |
| Beginning Invertory | 449,525 | 839,615 | - 46.5% | 277,227 | 388,006 | - 28.6% | 726,752 | 1,227,621 | - 40.8% |
| (+) Production | 662,927 | 568,458 | + 16.6% | 173,746 | 171,198 | + 1.5% | 836,673 | 739,656 | + 13.1% |
| (-) Ending Inventory | 482,770 | 891,971 | - 45.9% | 228,437 | 385,593 | - 40.8% | 711,207 | 1,277,564 | - 44.3% |
| (=) Total Disappearance | 629,682 | 516,102 | + 22.0% | 222,536 | 173,611 | + 28.2% | 852,218 | 689,713 | + 23.6% |
| (-) Exports | 135,699 | 140,316 | - 3.3% | 93,857 | 76,798 | + 22.2% | 229,556 | 217,114 | + 5.7% |
| (=) Disappearance-Canada & United States | 493,983 | 375,786 | + 31.5% | 128,679 | 96,813 | + 32.9% | 622,662 | 472,599 | + 31.8% |

THREE MONTHS (JULY-SEPTEMBER) OF THE FERTILIZER YEAR

| | CANADIAN PRODUCERS | | | UNITED STATES PRODUCERS | | | TOTAL CANADIAN & U.S. PRODUCERS | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1979-80 | 1978-79 | Change % | 1979-80 | 1978-79 | Change % | 1979-80 | 1978-79 | Change % |
| Beginning Invertory | 908,037 | 1,170,900 | - 22.4% | 310,307 | 450,914 | - 31.2% | 1,218,344 | 1,621,814 | - 24.9% |
| (+) Production | 1,566,608 | 1,360,992 | + 15.1% | 528,592 | 533,060 | - 0.8% | 2,095,200 | 1,894,052 | + 10.6% |
| (-) Inding Inventory | 482,770 | 891,971 | - 45.9% | 228,437 | 385,593 | - 40.8% | 711,207 | 1,277,564 | - 44.3% |
| (=) Total Disappearance | 1,991,875 | 1,639,921 | + 21.5% | 610,462 | 598,381 | + 2.0% | 2,602,337 | 2,238,302 | + 16.3% |
| (-) Exports | 495,236 | 414,892 | + 19.4% | 239,186 | 316,611 | - 24.5% | 734,422 | 731,503 | + 0.4% |
| (=) Disappearance-Canada & United States | 1,496,639 | 1,225,029 | + 22.2% | 371,276 | 281,770 | + 31.8% | 1,867,915 | 1,506,799 | + 24.0% |

MONTH-END INVENTORIES - CANADIAN & U.S. PRODUCERS
(1000 Short Tons $K_2O$)

| Fertilizer Year | JUL | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979-80 | 1005 | 727 | 711 | | | | | | | | | |
| 1978-79 | 1512 | 1227 | 1277 | 1218 | 1263 | 1311 | 1397 | 1508 | 1476 | 1218 | 1214 | 1213 |

POTASH & PHOSPHATE INSTITUTE
REPORT OF POTASH PRODUCTION, INVENTORY, DISAPPEARANCE & SALES
TOTAL BY U. S. & CANADIAN PRODUCERS
SEPTEMBER 1979

| | PRODUCTION $K_2O$ | | ENDING INVENTORY $K_2O$ SEPTEMBER 30 | | | | DISAPPEARANCE $K_2O$ | |
|---|---|---|---|---|---|---|---|---|
| | 1979 SEPTEMBER | 1978 | MINE SITE | OFF SITE | 1979 | 1978 | 1979 SEPTEMBER | 1978 |
| Spec. Std. Muriate | 30,390 | 21,986 | 23,167 | 12,304 | 35,471 | 56,940 | 26,303 | 13,505 |
| Standard Muriate | 203,094 | 165,874 | 167,240 | 105,617 | 272,857 | 449,934 | 201,449 | 152,664 |
| Chemical Muriate | 10,816 | 9,963 | 5,664 | 126 | 5,790 | 4,010 | 8,237 | 8,707 |
| Coarse Muriate | 303,052 | 278,723 | 78,425 | 69,383 | 147,808 | 306,727 | 285,782 | 293,688 |
| Granular Muriate | 199,608 | 185,315 | 93,872 | 15,894 | 109,766 | 293,199 | 232,827 | 163,714 |
| Soluble Muriate | 57,819 | 59,938 | 30,671 | 22,130 | 52,801 | 138,305 | 58,578 | 39,366 |
| Sulphates | 31,894 | 17,857 | 70,333 | 16,381 | 86,714 | 28,449 | 39,042 | 18,069 |
| Total | 836,673 | 739,656 | 469,372 | 241,835 | 711,207 | 1,277,564 | 852,218 | 689,713 |

| | AGRICULTURAL SALES $K_2O$ | | | | NON-AGRICULTURAL SALES $K_2O$ | | | | TOTAL SALES $K_2O$ | |
|---|---|---|---|---|---|---|---|---|---|---|
| | U.S. & CANADA | | EXPORTS | | U.S. & CANADA | | EXPORTS | | AG & NON-AG | |
| | 1979 SEPT | 1978 | 1979 SEPT | 1978 | 1979 SEPT | 1978 | 1979 SEPT | 1978 | 1979 SEPTEMBER | 1978 |
| Spec. Std. Muriate | 2,172 | 1,543 | 24,587 | 12,917 | - | - | - | - | 26,759 | 14,460 |
| Standard Muriate | 90,921 | 85,616 | 94,892 | 71,608 | 14,134 | 9,066 | 360 | - | 200,307 | 166,290 |
| Chemical Muriate | - | - | - | - | 8,526 | 7,904 | - | 61 | 8,526 | 7,965 |
| Coarse Muriate | 245,782 | 212,476 | 38,874 | 71,029 | - | - | - | - | 284,656 | 283,505 |
| Granular Muriate | 181,792 | 124,022 | 48,528 | 51,504 | - | - | - | - | 230,320 | 175,526 |
| Soluble Muriate | 37,408 | 29,099 | 4,350 | 3,408 | 10,905 | 6,994 | 5,283 | - | 57,946 | 39,501 |
| Sulphates | 22,734 | 9,553 | 12,634 | 6,530 | 521 | 323 | 48 | 57 | 35,937 | 16,463 |
| Total | 580,809 | 462,309 | 223,865 | 216,996 | 34,086 | 24,287 | 5,691 | 118 | 844,451 | 703,710 |

POTASH & PHOSPHATE INSTITUTE
REPORT OF POTASH PRODUCTION, INVENTORY, DISAPPEARANCE & SALES
BY CANADIAN PRODUCERS
SEPTEMBER 1979

| | PRODUCTION $K_2O$ | | ENDING INVENTORY $K_2O$ SEPTEMBER 30 | | | | DISAPPEARANCE $K_2O$ | |
|---|---|---|---|---|---|---|---|---|
| | 1979 | SEPTEMBER 1978 | MINE SITE | OFF SITE | 1979 | 1978 | 1979 | SEPTEMBER 1978 |
| Spec. Std. Muriate | 30,390 | 21,986 | 23,167 | 12,304 | 35,471 | 56,940 | 26,303 | 13,505 |
| Standard Muriate | 141,268 | 105,387 | 64,015 | 104,079 | 168,094 | 288,193 | 124,263 | 84,540 |
| Chemical Muriate | 9,677 | 6,328 | 5,076 | 126 | 5,202 | 3,331 | 7,592 | 5,029 |
| Coarse Muriate | 273,426 | 238,309 | 69,010 | 69,136 | 138,146 | 228,129 | 243,801 | 260,096 |
| Granular Muriate | 151,068 | 138,777 | 67,514 | 15,936 | 83,450 | 183,846 | 170,568 | 117,277 |
| Soluble Muriate | 57,098 | 57,671 | 30.277 | 22,130 | 52,407 | 131,532 | 57,155 | 35,655 |
| Total | 662,927 | 568,458 | 259,059 | 223,711 | 482,770 | 891,971 | 629,682 | 516,102 |

| | AGRICULTURAL SALES $K_2O$ | | | | NON-AGRICULTURAL SALES $K_2O$ | | | | TOTAL SALES $K_2O$ | |
|---|---|---|---|---|---|---|---|---|---|---|
| | U.S. & CANADA | | EXPORTS | | U.S. & CANADA | | EXPORTS | | AG & NON-AG | |
| | 1979 | SEPTEMBER 1978 | 1979 | SEPT 1978 | 1979 | SEPT 1978 | 1979 | SEPT 1978 | 1979 | SEPTEMBER 1978 |
| Spec. Std. Muriate | 2,172 | 1,543 | 24,587 | 12,917 | - | - | - | - | 26,759 | 14,460 |
| Standard Muriate | 57,244 | 51,287 | 65,063 | 39,064 | 6,493 | 4,408 | - | - | 128,800 | 94,759 |
| Chemical Muriate | - | - | - | - | 7,878 | 4,237 | - | 61 | 7,878 | 4,298 |
| Coarse Muriate | 217,946 | 195,068 | 23,679 | 54,392 | - | - | - | - | 241,625 | 249,460 |
| Granular Muriate | 154,067 | 97,210 | 12,737 | 32,607 | - | - | - | - | 166,804 | 129,817 |
| Soluble Muriate | 36,411 | 28,296 | 4,350 | 1,275 | 10,480 | 6,265 | 5,283 | - | 56,524 | 35,836 |
| Total | 467,840 | 373,404 | 130,416 | 140,255 | 24,851 | 14,910 | 5,283 | 61 | 628,390 | 528,630 |

POTASH & PHOSPHATE INSTITUTE
REPORT OF POTASH PRODUCTION, INVENTORY, DISAPPEARANCE & SALES
BY U. S. PRODUCERS
SEPTEMBER 1979

| | PRODUCTION $K_2O$ | | ENDING INVENTORY $K_2O$ SEPTEMBER 30 | | | | DISAPPEARANCE $K_2O$ | |
|---|---|---|---|---|---|---|---|---|
| | 1979 SEPTEMBER | 1978 | MINE SITE | OFF SITE | 1979 | 1978 | 1979 SEPTEMBER | 1978 |
| Standard Muriate | 61,826 | 60,487 | 103,225 | 1,538 | 104,763 | 161,741 | 77,186 | 68,124 |
| Chemical Muriate | 1,139 | 3,635 | 588 | - | 588 | 679 | 645 | 3,678 |
| Coarse Muriate | 29,626 | 40,414 | 9,415 | 247 | 9,662 | 78,598 | 41,981 | 33,592 |
| Granular Muriate | 48,540 | 46,538 | 26,358 | (42) | 26,316 | 109,353 | 62,259 | 46,437 |
| Soluble Muriate | 721 | 2,267 | 394 | - | 394 | 6,773 | 1,423 | 3,711 |
| Sulphates | 31,894 | 17,857 | 70,333 | 16,381 | 86,714 | 28,449 | 39,042 | 18,069 |
| Total | 173,746 | 171,198 | 210,313 | 18,124 | 228,437 | 385,593 | 222,536 | 173,611 |

| | AGRICULTURAL SALES $K_2O$ | | | | NON-AGRICULTURAL SALES $K_2O$ | | | | TOTAL SALES $K_2O$ AG & NON-AG | |
|---|---|---|---|---|---|---|---|---|---|---|
| | U.S. & CANADA | | EXPORTS | | U.S. & CANADA | | EXPORTS | | | |
| | 1979 SEPT | 1978 | 1979 SEPT | 1978 | 1979 SEPT | 1978 | 1979 SEPT | 1978 | 1979 SEPTEMBER | 1978 |
| Standard Muriate | 33,677 | 34,329 | 29,829 | 32,544 | 7,641 | 4,658 | 360 | - | 71,507 | 71,531 |
| Chemical Muriate | - | - | - | - | 648 | 3,667 | - | - | 648 | 3,667 |
| Coarse Muriate | 27,836 | 17,408 | 15,195 | 16,637 | - | - | - | - | 43,031 | 34,045 |
| Granular Muriate | 27,725 | 26,812 | 35,791 | 18,897 | - | - | - | - | 63,516 | 45,709 |
| Soluble Muriate | 997 | 803 | - | 2,133 | 425 | 729 | - | - | 1,422 | 3,665 |
| Sulphates | 22,734 | 9,553 | 12,634 | 6,530 | 521 | 323 | 48 | 57 | 35,937 | 16,463 |
| Total | 112,969 | 88,905 | 93,449 | 76,741 | 9,235 | 9,377 | 408 | 57 | 216,061 | 175,080 |